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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YAMAMOTO et al.)
Serial No.: 09/435,770)
Filed: November 8, 1999)
For: NON-REDUCING SACCHARIDE-)
FORMING ENZYME,)
TREHALOSE-RELEASING...)

Examiner: C. FRONDA
Washington, D.C.
January 23, 2002
Atty. Docket: YAMAMOTO=16A

AMENDMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action of July 25, 2001,
petition and payment for a three month extension of time being
attached hereto, please amend as follows:

IN THE CLAIMS

~~Please cancel non-elected claims 14-51 without
prejudice to the filing of a divisional application thereon.~~
01/28/2002 DTESEM1 00000180 09435770
01 FC:117 920.00 OP

Please replace claims 1, 3 and 13 with new amended
claims 1, 3 and 13 as follows below. A marked up version of the
amended claims to show the changes made is attached hereto.

D1
1 (Once-Amended). A non-reducing saccharide-forming
enzyme, which forms a non-reducing saccharide having a trehalose
structure as an end unit from a reducing partial starch
hydrolysate, and which has an optimum temperature of over 40°C.

D2
3 (Once-Amended). The enzyme of claim 1, which has an
optimum pH in an acid pH range from 5 to 7.